

## **ABSTRACT**

A white LED device is described, including two LED dies capable of emitting a first color light and a second color light, respectively, and a phosphor layer coated on at least one of the two LED dies. The phosphor layer is capable of emitting a third color light when stimulated by the first or second color light, and a light mixing structure is also disposed to mix the first to third color lights into uniform white light without chromatic deviation.